

ABSTRACT

The present invention relates to an immune activator composition containing either β-
5 glucan or a component derived from a mushroom (e.g., a shiitake mushroom). The invention
further provides a method of treating a subject in need thereof by administering the immune
activator composition thereto. Specifically, the present invention provides a method of
activating immunity or a method of regulating immunity by administering superfine particles
of the immune activator composition to a subject in need thereof.